

Purchase Order Receipt Listing

Friday, January 22, 2016 1:09:37 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO31065 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO31065	2		M303R0.500	f	1/22/2016	1/22/2016	12.0000	\$2.11	0.0000	0	\$25.29
CAD	No		303 Round Bar 0.500"	f	12.0000	PLOU01		\$25.29	0.0000	0	
			m134058								
	3		M303R1.000	f	1/22/2016	1/22/2016	12.0000	\$6.07	0.0000	0	\$72.86
	No		303 Round Bar 1.00	f	12.0000	PLOU01		\$72.86	0.0000	0	
			m134058								
	4		M304R0.375	f	1/22/2016	1/22/2016	12.0000	\$2.11	0.0000	0	\$25.29
	No		304 ROUND BAR 0.375	f	12.0000	PLOU01		\$25.29	0.0000	0	
			m134058								
	7		M6061T6B0.500X00.125	f	1/22/2016	1/22/2016	40.0000	\$0.63	0.0000	0	\$25.29
	No		6061-T6 Bar 0.500 x 0.125	f	40.0000	PLOU01		\$25.29	0.0000	0	
			m134058								
	8		M6061T6B1.500X02.500	f	1/22/2016	1/22/2016	24.0000	\$7.34	0.0000	0	\$176.14
	No		6061-T6 Bar 1.50 x 2.50	f	24.0000	PLOU01		\$176.14	0.0000	0	
			m134058								
	9		M6061T6B2.000X01.250	f	1/22/2016	1/22/2016	12.0000	\$4.99	0.0000	0	\$59.82
	No		6061-T6 Bar 2.00 x 1.25	f	12.0000	PLOU01		\$59.82	0.0000	0	
			m134058								
	10		M6061T6B2.000X04.500	f	1/22/2016	1/22/2016	12.0000	\$31.79	0.0000	0	\$381.48
	No		6061T6 Bar 2.00 x 4.500 (cut to 5.00 OR 5.625)	f	12.0000	PLOU01		\$381.48	0.0000	0	
			m134058								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PQ31065	11		M6061T6B3.500X8.0 f 00		1/22/2016	1/22/2016	12.0000	\$89.68	0.0000	0	\$1,076.16
CAD	No	—	6061-T6 Aluminum Bar 3.500" X 8.000" (cut to 4.75")	f	12.0000	PLOU01		\$1,076.16	0.0000	0	
			m134058								
	12		71401-45		1/22/2016	1/22/2016	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES		1.0000	PLOU01		\$0.00	0.0000	0	
			m134058								
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											
											137.0000
											0.0000
											0.0000
											\$1,842.33
											0.0000

AR DICK

270

B I L L O F L A D I N G

No: PEC 973636
Ship Date 21 Jan 16 at 15:29 From PFW

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

134058

B I L L O F L A D I N G

1) Our Order PEC-888104- 1 Your PO # 31065
ALUMINUM FLAT BAR 6061-T6511
.125" x .50" X 240.0000"

Heat Number Tag No
174659-3 494513

Quantity PCS Wt LBS
40 FT 2 3

2) Our Order PEC-888104- 2 Your PO # 31065
ALUMINUM FLAT BAR 6061-T6511
1.50" x 2.50" X 144.0000"

Heat Number Tag No
Z00635046 494514

Quantity PCS Wt LBS
24 FT 2 106

3) Our Order PEC-888104- 3 Your PO # 31065
ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.00" X 144.0000"

Heat Number Tag No
Z00247094 494515

Quantity PCS Wt LBS
12 FT 1 36

4) Our Order PEC-888104- 4 Your PO # 31065
Part # * OFF SHORE Rel #
ALUMINUM PLATE 6061-T651
2.00" THICK X 4.5000" X 5.6250"

Heat Number Tag No
70136113 494667

Quantity PCS Wt LBS
4.39 SFT 25 134

5) Our Order PEC-888104- 5 Your PO # 31065
Part # * OFF- SHORE NO BAR *** Rel #
ALUMINUM PLATE 6061-T651
3.50" THICK X 8.0000" X 4.7500"

Page: 1Continued

1 planche 550

2 - 54115

1 - BDL - 607

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE

No: PEC 973636
Ship Date 21Jan16 at 15:29 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

B I L L O F L A D I N G				
**** LENGTH 4.75 INCHES	Heat Number	Tag No	Quantity	PCS
	631149	494422	7.92 SFT	30
6) Our Order PEC-888104- 6 Your PO # 31065				
STAINLESS STEEL ROUND BAR 303 STAINLESS				
.50" DIA X 144.0000"				
	Heat Number	Tag No	Quantity	PCS
	V1F6	494516	12 FT	1
7) Our Order PEC-888104- 7 Your PO # 31065				
STAINLESS STEEL ROUND BAR 303 STAINLESS				
1.00" DIA X 144.0000"				
	Heat Number	Tag No	Quantity	PCS
	38100	494517	12 FT	1
8) Our Order PEC-888104- 8 Your PO # 31065				
STAINLESS STEEL ROUND BAR 304L				
.375" DIA X 144.0000"				
	Heat Number	Tag No	Quantity	PCS
	T5B7	494518	12 FT	1
TOTAL:			Tags 8	PCS 63
				LBS 716

Heat Number
174659-3
38100
631149
70136113
T5B7
V1F6
Z00247094
Z00635046

*** Chemical Analysis ***

Page: 2Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

B I L L O F L A D I N G

No: PEC 973636

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 21Jan16 at 15:29 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 2 BDLs, 2 SKIDS GW. 809 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 3 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLAT BAR 6061-T6511
125" X .50" X 240.0000"
PART NO.

PO/Rel 31065

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-973636-001
21Jan16
Pg 1/1



TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4

http://www.extrudex.com

MILL TEST

BILL TO THYSSENKRUPP MATERIALS NA	CERT CODE: 1	DIE NUMBER 0.31 S 4481	DATE OF SHIPMENT Nov/26/2014	EXTRUDEX ORDER NO. 174659 - 3	MANIFEST NO. 319102
SHIP TO THYSSENKRUPP MATERIALS NA	CUSTOMER PO PEC-262322	ALLOY 6061	SALESMAN FORBES DODWELL	MADE IN CANADA	
SO DESCRIPTION 125" X .500" FB	CUSTOMER PART NUMBER 4481-S	TEMPER T6511	CERTIFICATION MILL TEST ASTM B221-13		

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Nov/18/2014	40.60	35.30	13.00	86.2, 85.5, 86.1	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sb	Sr	Co	Al	Other
A.11 25654 6061	0.58	0.217	0.21	0.083	0.82	0.049	0	0.012	0.012	0	0	0	0	0	0	0	0	0	0	Remainder

DPS
14
11/10/14
g-309

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Inatate
Quality Control Manager

1 - CUSTOMER COPY

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.50" x 2.50" X 144.0000"
PART NO.

PO/Rel 31065

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-973636-002

21Jan16

Signed by: *[Signature]*

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-271379-3		CUSTOMER PART NUMBER: 470/STK		PRODUCT DESCRIPTION: 1.500 X 2.500 SC RECT BAR	
KAISER ORDER NUMBER: 698503	LINE ITEM: 003	SHIP DATE: 11/20/2015	KAISER LOT NUMBER: Z00635046	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1058.000 LB	QUANTITY: 20.000 PCS	B/L NUMBER: 613963	DIA/DA/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA <i>DAS 14 16/01/25</i>			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00635046	0001	0001	45.0	40.1	13.8	RE 93	N/A	N/A
Z00635046	0001	0002	44.2	39.5	17.C	RE 93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105527	.62	.24	.21	.07	.86	.06	.03	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221-1998 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00204451

Kaiser Order Number: 698503

Line Item: 003

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.00" X 144.0000"
PART NO.

PO/Rel 31065

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-973636-003

21Jan16

Signed by: 

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-271927-4		CUSTOMER PART NUMBER: B20/STK		PRODUCT DESCRIPTION: 1.250 X 2.000 SC RECT BAR	
KAISER ORDER NUMBER: 699732	LINE ITEM: 004	SHIP DATE: 12/11/2015	KAISER LOT NUMBER: Z00247094	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 988.000 LB	QUANTITY: 28.000 PCS	B/L NUMBER: 614200	DIAM/DAE/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA DAS 14 11/6/12/25 9-09			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z0C247094	0001	C001	44.3	38.7	20.4	RE 90	N/A	N/A
Z0C247094	0001	C003	43.3	37.3	19.9	RE 91	N/A	N/A
Z0C247094	0001	C004	43.9	38.7	21.8	RE 90	N/A	N/A
Z0C247094	0001	C002	0.0	0.0	21.9	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.30	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105589	.62	.29	.22	.06	.35	.07	.03	.02	.00	.00	.00	.01	.04

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager



Plant Serial: 00207852

Kaiser Order Number: 699732

Line Item: C04

Page 1 of 1

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 303 STAINLESS
50" DIA X 144.0000"
PART NO.

PO/Rel 31065

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-973636-006
21 Jan 16
Pg 1/1



740 Imperial Road North

Certificate: 104314 4
Customer: 007206 001
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

Date: 10/14/2015 Page: 1

Steel: 303
Finish: CD

Corrosion:

Your Order: PEC269176

NAS order: PN 0056222 13

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/12 EN 10204 3.1, ASTM A484/11
AMS 5640U TYPE 1, QQS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DPMR 252.225-7009 EU DIRECTIVE
2011/65/EU ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
9-09

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BH1766 7		.5000		823	144.00	23	1	

CHEMICAL ANALYSIS

CM(Country of Melt)

ES(Spain)

US(United States)

ZA(South Africa)

JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
V1F6	US	.0427	.2270	17.0560	.3690	1.8340	.3405	.0382	8.3215	.0285

S % .3455
SI % .4760

MECHANICAL PROPERTIES

Product Id	1 d o i c r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 2"
BH1766 7	R L	191.0	75.28	95.05	54.48	46.20

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

10/14/2015

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS
1.00" DIA X 144.0000"
PART NO.

PO/Rel 31065

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-973636-007

21Jan16

Signed by: 

Pg 1/1

VIRAJ PROFILES LIMITED



Regi & Mkt off: G-33 & 34, MIDC, Industrial Area, Tarapur, Thane (Dist), Maharashtra, INDIA - 401506, E-Mail: sales@viraj.com
Works: SURVEY No- 114, 119 & 120, VILL. Mahagaon, Tal: Palgar, Dist: Thane-401501, MAHARASTRA, INDIA, vielqc@viraj.com

TEST CERTIFICATE

CUSTOMER FIDELITY PAC METALS LTD. 1303 North Service Rd East, Unit 1, Oakville ON L6H 1A7 CANADA	ORDER NO P003828-B	PACKING LIST NO 62/993986/4	INSPECTION NO 100005624006	DATE 17.08.2015
			GRADE T-303	HEAT No 38100

BUNDLE NO :
1100389256, 1100388345,

DESCRIPTION

STAINLESS STEEL BRIGHT BARS

COLD DRAWN POLISHED - 2H

DAS
14
9-89

16/01/25

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
1"	ROUND	ASTM A484	12' - 14'	130	4,127.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0460	1.920	0.500	0.3000	0.0330	17.270	8.010	0.550	0.330	0.150	0.02300

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
75.0	100.0	39.0	57.0	202.0	6.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN 10088-3:2005 COND-A & ASTM A 582/A582M-13 COND A, ASTM A 388-05, ASTM A 484-10, AMS 5640U TYPE I, EXCEPT MARKING, QQS-764BA2 COND A, EXCEPT MARKING, UNS S-30300, ASTM A314-2008, ASTM A320/A320M-11a B8F CLASS 1, ASME SA 320 B8F CL1 MIL-S-862 B GRADE AISI 303 & WNR 1.4305.
CERTIFIED AS PER EN 10204- 3.1

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO-GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE: AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.


WORKS INSPECTOR
K R K MURTHY

THYSSENKRUPP MATERIALS NA

PART AEROSPACE
STAINLESS STEEL ROLLED BAR 304L
375" DIA X 144.0000"
PART NO.

PO/Ref 31065

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-973636-008
21 Jan 16
Pg 1/1



740 Imperial Road North

Certificate: 45397 12

Customer: 007206 001

Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

Date: 3/30/2015 Page: 1

Steel: 304/304L

Finish: CD

Corrosion: ASTM A262-10 Prac A/E OK

Your Order: PEC265143

NAS Order: PN 0050066 02

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30400/30403 EN 10204 3.1, ASTM A484/13a
ASTM A276/13, ASTM A479/13a, ASTM A182/13 CHEM ONLY,
ASTM SA479/13, ASME SA182/10 CHEM ONLY
AMS 5639H, AMS 5647J, AMS QQS-763C, QQS-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

REMARKS:

COMPLIES W/REQUIREMENTS OF DPAR 252.225-7009 EU DIRECTIVE
2011/65/EU, ROHS, EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
R09
16/10/12

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BH0777 4		3750		1.336	144.00	13	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
T5B7	US	.0185	.2080	18.1660	.4040	1.5260	.3420	.0739	8.5030	.0310
	S %	SI %								
	.0300	.2080								

MECHANICAL PROPERTIES

Product Id	1 d o l c r	HB No.	.2YS KSI	UTS KSI	RA %	Elng % 2"
BH0777 4	RL	210.0	92.28	107.62	70.95	43.00

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

Signature: [Signature]

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLATE 6061-T651
2.00" THICK X 4.5000" X 5.6250"
PART NO. * OFF SHORE

PO/Rel 31065

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

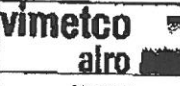
Certificate of Mill Test Results

BL PEC-973636-004

21Jan16

Signed by: _____

Pg 1/1

MILL TEST CERTIFICATE	No: 28226	CERTIFIED SRAC-IQNet	 SLATINA
	Date: 10/13/2015	ISO 9001/2008 No.10/valid 2017	

CUSTOMER : OLBERT METAL SALES LIMITED

CONTRACT/ORDER : 2060

BILL OF DELIVERY : 80258764

TRUCK/CONTAINER : GLDU 0451767

MATERIAL : ALUMINUM PLATES
ALLOY : 6061
DIMENSIONS (mm) : 70136113

TEMPER: T651

ACCORDING TO

ASTM B209; AMS 4027N; ANSI H35.2; ASME SB209; AMS-QQ-A-250/11

ACTUAL MECHANICAL PROPERTIES				1 MPa = 1 N/mm2 = 0.146 ksi = 0.102 kgf/mm2				
1 lbs = 0.4536 kg			UTS		YTS		Elong.%	Hardness*
			KSI		KSI		50mm	HB
Specified values:			min.	max.	min.	max.	min.	min.
			42		35		8	
LOT / BATCH	CASE	NET WEIGHT lbs	Measured values:					
70136113 S35080554	405297	1,878.340	49.7 50.5	45.4 46.2	10 10			

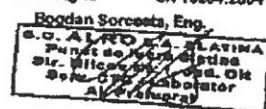
ACTUAL CHEMICAL ANALYSIS %												
BATCH	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ca	V	Al
S35080554	0.07	0.4	0.4	0.08	0.99	0.18	0.013	0.025	0.014	0.009	0.021	REM. REM REM
Acc. Standard	Min.	0.4		0.15	0.8	0.04						
	Max.	0.8	0.7	0.4	0.15	1.2	0.35	0.05	0.25	0.15	0.05	0.05
	Remarks:					Other- Each- Max.: 0.05			OthersTotal- Max.: 0.15			

REMARKS

ACCORDING TO: ASTM B209:2014; AMS 4027N:2008; ANSI H35.2:2013; ASME SB209:2007; AMS-QQ-A-250/11:1997
* Typical value, for information only.

We hereby certify that the material detailed hereon has been produced and tested according to the requirements of the relevant specification and/or order. Keep in dry conditions, without large temperature variations. The differences between metal and air must not exceed 11 °C. Please follow the recommendations of the Aluminium Association Guide for minimizing water staining, latest edition, for the unloading and storage of the material in your premises before usage. Also we certify that ALRO products comply with REACH legislation no. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals and CLP legislation no. 1272/2008 on classification, labeling and packaging of substances and mixtures.

According to EN 10204:2004 3.1



ALRO S.A. No.156, Priesti Street Phone: +409 0249 433 117; 0249 432 956 alro@alro.ro
230046-Slatina-ROMANIA Fax: +409 0249 411 487; 0249 418 892 www.alro.ro

QUALITY CONTROL DEPT

cod f1/PO-051/Rev.4/2012



THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLATE 6061-T651
3.50" THICK X 8.0000" X 4.7500"
PART NO. * OFF- SHORE NO BAR ***

PO/Rel 31065

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-973636-005

21Jan16

Signed by: *[Signature]*

Pg 1/1

Page 1 of 2



INSPECTION CERTIFICATE № 15.17586

EN 10204 - 3.1

Consigner: KAMENSK URALSKY METALLURGICAL WORKS JOINT STOCK COMPANY 3, Zavodskaya Str., Kamensk Ural'sky, Sverdlovsk Region, 623405, Russia Tel: (3439) 39 54 17 Fax: (3439) 39 57 11										
Consignee: A.S. Mill Products, Inc.					Quantity, pcs: 2 Net Weight, kg.: 2740					
Contract No.: N15773-S P.O. No.: CHI 0815 Article No.:					S.O. No.: N15773 Lot No.: 2 Package No.: 608402, 608403					
Description of Goods: Plates										
Grade of Product:			Dimensions, inch/mm:			Requirements on the Products:				
			3.5"X80.5"X144.6" 88.900X1536.7X3670.3			Material conforms to quality of alloy: 6061 T651 Product conforms to all requirements of: ASTM B209-14; SAE AMS-QQ-A-250-11A (2008); SAE AMS4027 REV. N (2014). This product conforms to European Union RoHS Directive 2002/95/EC				
Mechanical Properties										
The Condition of Tested Standards	Lot No.	Cast No.	Quantity sample	Tensile Strength		Yield Strength (0.2% offset)		Elongation, %		Hardness, HB
				min	max	min	max	min	max	
Required	631149	12-3836	2	42.0	48.6	35.0	42.8	6.0	10.0	
Chemical Composition, %										
Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr
Required	0.4-0.8	0.7	0.15-0.40	0.15	0.8-1.2	0.04-0.35	-	0.25	0.15	-
Contents	0.62	0.34	0.19	0.05	1.09	0.04	-	0.07	0.08	-
Element	Ti+Zr	Na	Tin Sn	Barium Ba	Plumbum Pb	Al+Cr	Ca	Other Elements Each		Al
Required	-	-	-	-	-	-	-	0.05	0.15	remainder
Contents	-	-	-	-	-	-	-	0.05	0.15	remainder
Other Tests										
Method	Macro- structure	Micro- structure	UT	Electro- conductivity	SCF	Contents H ₂ of metals cm ³ /100gr		Mercury - Free		
Result	-	-	-	-	-	0.20		"Russia is country of melt and manufacture"		

16/10/26

On behalf:

DAO KUMZ

Date:

18.06.15

Inspector:

N.A. Hryshina

Inspection Department:

N.V. Alekhina



file:///C:/Users/30sal/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files... 9/24/2015

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6
DATE: 16-01-25

PO / BATCH NO.: 8031065 / M134058

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: _____

THICKNESS ORDERED: 3.50x3.00x4.75
THICKNESS RECEIVED: 3.56x3.12x4.575
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	Y	(N)	acceptable DAS 9
PHOTO REQUIRED	Y	(N)	9-89
CORRECT MATERIAL	(Y)	N	
CORRECT REF # TO LINK CERT	(Y)	N	cert are as per ASTM B209 DAS
CORRECT MATERIAL IDENTIFICATION	(Y)	N	identify as 6061T6 9
CORRECT M# ON THE MATERIAL	(Y)	N	9-89
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS 9 9-89</u>		SIGNED OFF BY: _____	
DATE: <u>16-01-27</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061 T6 B

PO / BATCH NO.: P031065 / M134058

DATE: 16-01-25

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 2.00 x 4.50 x 5.625

QUANTITY RECEIVED: 12

THICKNESS RECEIVED: 2.00 x 4.63 x 5.76

QUANTITY INSPECTED: 12

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	Y (N)	acceptable ^{DAS} ₉₋₈₉
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	
CORRECT REF # TO LINK CERT	(Y) N	Cert are as per ASTM B209. ^{DAS} ₉₋₈₉
CORRECT MATERIAL IDENTIFICATION	(Y) N	identify as 6061 T6 S
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>16-01-27</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 303
DATE: 16/01/25

PO / BATCH NO.: 31065/134058

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: _____

THICKNESS ORDERED: RB.500
THICKNESS RECEIVED: RB.500
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14</u> DATE: <u>16/01/25</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 303
 DATE: 11/6/01/25

PO / BATCH NO.: 31065/134058

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: RB 1.00
 THICKNESS RECEIVED: RB 1.00
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14</u> DATE: <u>11/6/01/25</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 304
DATE: 16/01/25

PO / BATCH NO.: 31065/134058

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: _____

THICKNESS ORDERED: RB.375
THICKNESS RECEIVED: RB.375
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>14</u>	SIGNED OFF BY: _____		
DATE: <u>16/01/25</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6
 DATE: 16/01/25

PO / BATCH NO.: 31045/134058

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 40'
 QUANTITY INSPECTED: 40'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: 500X.125
 THICKNESS RECEIVED: 500X.125
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	
CORRECT REF # TO LINK CERT	(Y)	N	
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14 9:00</u> DATE: <u>16/01/25</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6
DATE: 10/01/25

PO / BATCH NO.: 31065/134058

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 24'
QUANTITY INSPECTED: 24'
QUANTITY REJECTED: _____

THICKNESS ORDERED: 1.50X2.50
THICKNESS RECEIVED: 1.50X2.50
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>10/01/25</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6
 DATE: 16/01/24

PO / BATCH NO.: 31065/134058

MATERIAL CERT REC'D: Y/N
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: 2.00X1.25
 THICKNESS RECEIVED: 2.00X1.25
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>14</u> DATE: <u>16/01/25</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31065**

Purchase Order Date 1/19/2016

PO Print Date 1/19/2016

Page Number 1 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
JAN 19 2016

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						

1	M303B1.000X03.000	303 BAR 1" X 3'	1/29/2016		12.00	\$64.66	\$775.92
			No		f		
			1/29/2016				

MATERIAL: AISI 303 SS BAR AS PER ASTM A582
NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$775.92

2	M303R0.500	303 Round Bar 0.500"	1/22/2016		12.00	\$2.92	\$35.00
			Yes		f		
			1/22/2016				

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$35.00

PO Instructions: PEC ST-887509,
PEC ST-887888,
NOTE: FLAME CUT MATERIAL NOT ACCEPTABLE

Note:

1/19/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31065**

Purchase Order Date 1/19/2016

PO Print Date 1/19/2016

Page Number 2 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3	M303R1.000	303 Round Bar 1.00	1/22/2016	12.00	\$8.40	\$100.84
			Yes	f		
			1/22/2016			

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$100.84

4	M304R0.375	304 ROUND BAR 0.375	1/22/2016	12.00	\$2.92	\$35.00
			Yes	f		
			1/22/2016			

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

Line Total: \$35.00

5	M2024T3S.040	2024-T3 .040 sheet	1/27/2016	48.00	\$4.83	\$232.00
			Yes	sf		
			1/27/2016			

MATERIAL: 2024-T3 ALUMINUM SHEET
AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037
OR ASTM B209

PO Instructions: PEC ST-887509,
PEC ST-887888,
NOTE: FLAME CUT MATERIAL NOT ACCEPTABLE

Note:

1/19/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31065**

Purchase Order Date 1/19/2016

PO Print Date 1/19/2016

Page Number 3 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

Line Total: **\$232.00**

6	M2024T3S.063	2024-T3 .063 sheet	1/27/2016	96.00	\$6.29	\$604.00
			Yes	sf		
			1/27/2016			

MATERIAL: 2024-T3 ALUMINUM SHEET
AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037
OR ASTM B209

Line Total: **\$604.00**

7	M6061T6B0.500X00.125	6061-T6 Bar 0.500 x 0.125	1/22/2016	FN	40.00	\$0.88	\$35.00
			Yes		f		
			1/22/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: **\$35.00**

PO Instructions: PEC ST-887509,
PEC ST-887888,
NOTE: FLAME CUT MATERIAL NOT ACCEPTABLE

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31065

Purchase Order Date 1/19/2016

PO Print Date 1/19/2016

Page Number 4 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

8	M6061T6B1.500X02.500	6061-T6 Bar 1.50 x 2.50	1/22/2016	24.00	✓	\$10.16	\$243.80
			Yes	f			
			1/22/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$243.80

9	M6061T6B2.000X01.250	6061-T6 Bar 2.00 x 1.25	1/22/2016	12.00	✓	\$6.90	\$82.80
			Yes	f			
			1/22/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$82.80

PO Instructions: PEC ST-887509,
PEC ST-887888,
NOTE: FLAME CUT MATERIAL NOT ACCEPTABLE

Note:

1/19/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31065

Purchase Order Date 1/19/2016

PO Print Date 1/19/2016

Page Number 5 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

10	M6061T6B2.000X04.500	6061T6 Bar 2.00 x 4.500 (cut to 5.00 OR 5.625)	1/22/2016	12.00	\$44.00	\$528.00
		Yes		f		
		1/22/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

NOTE: CUT TO SIZE 25 PCS @ 5.625" +0.125"/-0.000"

Line Total: \$528.00

11	M6061T6B3.500X8.000	6061-T6 AluminumBar 3.500" X 8.000" (cut to 4.75")	1/22/2016 FN	12.00	\$124.13	\$1,489.50
		Yes		f		
		1/22/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

NOTE: CUT TO SIZE 30 PCS @ 4.750" +0.125"/-0.000"

Line Total: \$1,489.50

PO Instructions: PEC ST-887509,
PEC ST-887888,
NOTE: FLAME CUT MATERIAL NOT ACCEPTABLE

Note:

1/19/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31065

Purchase Order Date 1/19/2016

PO Print Date 1/19/2016

Page Number 6 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

12	71401-45	PROCUREMENT QUALITY CLAUSES	1/22/2016	1.00	\$0.00	\$0.00
----	----------	--------------------------------	-----------	------	--------	--------

No

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total:

\$0.00

PO Total:

\$4,161.86

PO Instructions: PEC ST-887509,
PEC ST-887888,
NOTE: FLAME CUT MATERIAL NOT ACCEPTABLE

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 1/19/2016